

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/490,199	SWIFT ET AL.
	Examiner Belix M. Ortiz	Art Unit 2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 11/22/2005.

2.  The allowed claim(s) is/are 1-10 and 18-27.

3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All b)  Some\* c)  None of the:

1.  Certified copies of the priority documents have been received.

2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

(a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.

(b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

- 1.  Notice of References Cited (PTO-892)
- 2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
- 4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
- 5.  Notice of Informal Patent Application (PTO-152)
- 6.  Interview Summary (PTO-413),  
Paper No./Mail Date 1/27/2006.
- 7.  Examiner's Amendment/Comment
- 8.  Examiner's Statement of Reasons for Allowance
- 9.  Other \_\_\_\_\_

*C. Rones*  
**CHARLES RONES**  
**SUPERVISORY PATENT EXAMINER**

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. The following is an Examiner's statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's prediction program, prediction apparatus, and prediction method together with the other limitations of the independent claims.

The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Authorization for this examiner's amendment was given in an interview with Eric Gash on January 27, 2006.

**AMENDMENT TO THE CLAIMS:**

Claims 18 and 20-24 have been amended. Claims 1-10 and 18-27 remain pending in the application.

**WHAT IS CLAIMED IS:**

18. (Currently Amended) A method as in claim 1, wherein the extent of proxy authorization comprises as restriction on a range of target services that the proxy client may is authorized to access on behalf of the user.

20. (Currently Amended) A computer-readable medium having computer-executable instructions for performing steps:

receiving a proxy request from a first user to access a target service, wherein

access to the target service is restricted to a set of one or more users that excludes the first user and includes a second user;

comparing the proxy request with a plurality of proxy authorizations maintained in ~~the a~~ first data structure to determine whether to grant the proxy request, wherein each proxy authorization identifies a user granting proxy authorization, a user receiving proxy authorization and an extent of proxy authorization; and

issuing a second data structure containing data recognizable by the target service for authenticating the first user to access the target service as a proxy of the second user, if the proxy request is granted.

21. (Currently Amended) A computer-readable medium as in claim 20, wherein the ~~extent of each~~ proxy authorization comprises a restriction on a range of target services that the ~~proxy client user receiving proxy authorization may is authorized to~~ access on behalf of the user granting proxy authorization.

22. (Currently Amended) A computer-readable medium as in claim 20, wherein the ~~extent of each~~ proxy authorization comprises a restriction on a duration that the ~~first client user receiving proxy authorization can is authorized to~~ act as a proxy of the ~~second user granting proxy authorization~~.

23. (Currently Amended) A computer-readable medium as in claim 20, wherein the second data structure is a ticket containing a key for use in a session formed between the first client user and the target service.

24. (Currently Amended) A computer-readable medium as in claim 20, farther comprising authenticating the first client user based on a ticket issued to the first client user for communicating the proxy request.

***Reasons for Allowance***

2. Claims 1-10 and 18-27 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:  
the prior arts of records, neither anticipates nor renders obvious the following limitations as claimed:

As to claim 1, the prior art of records fail to anticipate or suggest a method of enabling a proxy client in a secured network to access a target service on behalf of a user, comprising the steps of:

registering proxy authorization information regarding the user with a trusted security server, the proxy authorization information identifying the proxy client and an extent of proxy authorization granted the proxy client by the user;

submitting, by the proxy client, a proxy request to the trusted security server requesting access to the target service on behalf of the user;

comparing, by the trusted security server, the proxy request with the registered proxy authorization information of the user to determine whether to grant the proxy request; and

issuing, by the trusted security server, a data structure containing authentication data recognizable by the target service for authenticating the proxy client for accessing the target service on behalf of the user, if it is determined to grant the proxy request, together with the other limitations of the independent claims.

As to claim 6, the prior art of records fail to anticipate or suggest a computer-readable medium having computer-executable instructions for performing steps:

storing proxy authorization information from a user for authorizing a proxy client to act as a proxy of the user, the proxy authorization information identifying an extent of proxy authorization granted the proxy client by the user; and

receiving a proxy request from the proxy client to access a target service on behalf of the user;

determining, based on the stored proxy authorization information of the user, whether to grant the proxy request;

constructing a data structure containing authentication data recognizable by the target service for authenticating the proxy client for accessing the target service on behalf

of the user, if it is determined to grant the proxy request, together with the other limitations of the independent claims.

As to claim 20, the prior art of records fail to anticipate or suggest a computer-readable medium having computer-executable instructions for performing steps:

receiving a proxy request from a first user to access a target service, wherein access to the target service is restricted to a set of one or more users that excludes the first user and includes a second user;

comparing the proxy request with a plurality of proxy authorizations maintained in the first data structure to determine whether to grant the proxy request, wherein each proxy authorization identifies a user granting proxy authorization, a user receiving proxy authorization and an extent of proxy authorization; and

issuing a second data structure containing data recognizable by the target service for authenticating the first user to access the target service as a proxy of the second user, if the proxy request is granted, together with the other limitations of the independent claims.

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Belix M. Ortiz whose telephone number is 571-272-4081. The examiner can normally be reached on moday-friday 9am-5pm.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bmo

January 30, 2006

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